

In re Appln. of Hulse et al.  
Serial No. 08/853,422

the lip being secured along said side wall edge adjacent the cup opening, the lip having an inner proximal edge terminating substantially at the side wall edge or subjacent the side wall; and

a handle coupled to the vacuum cup.

16. (Amended) An obstetrical vacuum extractor comprising:

a vacuum cup substantially in the shape of a bell with an outwardly flaring edge and a cup opening;

a post-molded lip on the outwardly flaring edge of the vacuum cup, the lip having an inner proximal edge terminating substantially subjacent the outwardly flaring edge;

a hollow, elongated stem integrally formed with the cup and communicating with the cup opening, the distal end of the stem being adapted for connection to a vacuum source; and

a gripping device coupled to the stem.

17. A method of making an obstetrical vacuum extractor for use during childbirth comprising the steps of:

molding a hollow vacuum cup of a first material, the cup having a side wall terminating in a distal edge forming a cup opening;

molding a lip of a polymeric second material along the cup opening, the lip having an inner proximal edge terminating substantially at the distal edge or subjacent the

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112 side wall, the second material being flexible relative to the first material.

Please add claims 21 and 22:

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D27 21. An obstetrical vacuum extractor for placement on a child's head for use during childbirth, the obstetrical vacuum extractor comprising, in combination,

a vacuum cup formed of a first material, the vacuum cup having a side wall defining a hollow interior cavity, the side wall having a side wall edge forming a cup opening, the side wall having at least one side wall opening extending therethrough, said side wall opening being disposed substantially adjacent the side wall edge, the vacuum cup further including a vacuum opening communicating with the interior cavity of the vacuum cup and being adapted for connection to a vacuum source;

A3 a lip formed of a polymeric second material, the second material being flexible relative to the first material, the lip being secured along said side wall edge adjacent the cup opening, the second material of the lip being molded into the opening to mechanically couple the lip to the vacuum cup; and

a handle coupled to the vacuum cup.

22. The obstetrical vacuum extractor of claim 21 comprising at least two openings, the openings being circumferentially disposed around the side wall.